Data Sheet

We make sure

FUJITSU COMPUTERS SIEMENS

AMILO A1645 / A1645G - Generic
With Mobile AMD Processor

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With the AMILO A1645 / A1645G you are getting a truly mobile notebook with highest performance. Coming in an elegant, slim design with an extra large 15.4" Widescreen display (16:10 Format) this is a great multimedia notebook. A S-Video out port, IEEE 1394, SPDIF and 3 USB 2.0 interfaces are built-in as standard to connect to all your digital peripherals and multimedia devices. The AMILO A1645 / A1645G offers you high performance to a very attractive price.

Features

- AMD mobile technology with
  Mobile AMD Sempron 3100+ or 3300+ processor
  Turion™64 Mobile Technology MT-28
- Enjoy the viewing quality of wide LCD displays with 15.4" WXGA (optional Crystal View display)
- Unique 4 in 1 flash card port supports SD/MS/MMC/MSPRO multimedia storage cards
- Connect your notebook to external peripherals, storage devices or video equipment through the various USB 2.0, SPDIF and IEEE 1394 ports
- Built-in multi format DVD burner with double layer support for maximum user comfort
- 512MB DDR SDRAM in 2 SO-DIMM slot
- Windows XP Home and Application Software

Operating system
Windows XP Home, Recovery CD is included

Fujitsu Siemens Computers recommends Microsoft® Windows® XP.

Application Software (optional)

a) Works 8.0
b) Works 8.0 with Office Trial Student & Teacher Edition
c) Microsoft Entertainment Pack including Microsoft Works 8.0, Microsoft Encarta® Encyclopaedia Standard 2005, Microsoft Picture IT 10.0, Microsoft Autoroute 2005*, Microsoft Zoo Tycoon 1.0, Microsoft Office Trial Student & Teacher Edition
*availability depending on language

Magix Media Suite (optional)
Sipgate (optional)
Norton Internet Security 2005 or Norman Anti-Virus or Norman Internet Control

DVD Playing & Burning Software
InterVideo WinDVD
Nero burning ROM 6

Driver & Utility CD including
Drivers, Online Manual, Adobe Acrobat Reader, Quick Touch application button utility

Internet Service Providers – country specific

Manual, Safety Guide and Warranty Guide

System, processors, architecture

Chipset:	Northbridge: SIS M760 Southbridge: SIS 963L
CPU:	Mobile AMD Sempron™ 3100+ or 3300+ / 25W / 32 Bit / 256 KB 2nd level cache Turion™64 Mobile Technology MT-28 / 1.6 GHz / 64 Bit / 512 KB 2nd level cache

Memory
256 or 512MB DDR 333 SDRAM, (DDR 333 MHz)
2 SO-DIMM memory slots (no memory on board)

Storage devices / drives
HDD:
60, 80 or 100 GB IDE hard disk
ODD:

- **Multi format DVD burner with double layer support**
  CD 24x / CD-R 24x / CD-RW 20x / DVD 8x / DVD+R 8x
  DVD-R 8x / DVD+RW 4x / DVD-RW 4x
  DVD+R DL 2.4x

Display
Normal
Panel size: 15.4” LCD WXGA, 1280 x 800 pixel
or
Crystal View
Panel size: 15.4” LCD WXGA, 1280 x 800 pixel
Compliance with standards
ISO 13406-2 Class II

ACPI functions
S1 LCD off
S3 standby
S4 hibernate
S5 soft off

Graphics
Shared memory, integrated in SIS M760 chipset, up to 128MB
- DirectX 8.1
- 256 bit 3D-engine
- AGP 8x

I/O Interfaces
1x IEEE1394, 3x USB 2.0 ports, 1x S-Video
1x CRT, 1x modem, 1x LAN
4 in 1 flash card port SD/MS/MMC/MSPRO
1x type II PC Card slot (32 bit CardBus support)
1x line in, 1x headphone out, 1x microphone in,
1x power supply, 1 x SPDIF

Communications

- Built-in 56K, .V90 fax modem
- 10/100Mpbs LAN
- Integrated wireless LAN (WLAN) solution 802.11 b/g
  - speeds up to 54Mbps
  - industry standard wireless LAN security support
  - Excellent performance through per packet antenna selection (Diversity Antenna)

For use in BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY, NL

Audio
AC97 codec, 2 built-in speakers, built-in microphone, microphone in, headphone out shared with S/PDIF support
1x volume regulator (per function key)

Launch Keys
3 Launch Keys located on top of the keyboard enabling the user to launch the following applications:
E-mail, Internet browser, reduce noise level

Hot Keys
The notebook uses hotkeys or key combinations for:

Fn-F1	Suspend
Fn-F3	Mute
Fn-F4	Display toggle, switches display output between display screen and external monitor or to dual view
Fn-F5	Volume up
Fn-F6	Volume down
Fn-F7	Increase display brightness
Fn-F8	Decrease display brightness

Pointing devices & control buttons
Touchpad with a left and right mouse button
Power button / lid switch

Status icons
7 status icons located on the left front of the base:
Wireless communication, Caps lock, Num Lock, Scroll Lock, Media activity (ODD/HDD), power status, silent mode

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Security
User and supervisor password
Kensigton Lock

Power system
Li-Ion battery, 6 cells, 10.8/11.1V/4400mAH
approximately 2:00 hrs battery runtime, depending on usage[1]

Dynamic charge supported, ACPI 1.0b supported
External universal AC adapter: 110 – 240 V AC, 50 - 60HZ, output: 65 W with 20V / 3.25 A

Dimensions and weight
358 (W) x 272 (D) x 25.3-33.1 (H) mm
3 kg [2]

Operating conditions
operational: 5°- 35℃ (ambient temperature)
10% to 90% relative humidity, non-condensing
AC input 100 – 240 V, 50 – 60 Hz

Certifications
CE Marking

Warranty
Country specific terms

Options
AC adaptor
USB Floppy Drive
Carrying Devices

[1]) Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage.
[2]) Weight may vary depending on actual configuration

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